

# Converting Colors

Decimal(6139799)

Have a look what the booklet for  
Decimal(6139799) contains.

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# **Color**

**Decimal(6139799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAF97
RGB	93, 175, 151
RGB Percent	36%, 69%, 59%
CMY	0.6353, 0.3137, 0.4078
CMYK	0.47, 0.00, 0.14, 0.31
HSL	162°, 34%, 53%
HSV	162°, 47%, 69%
XYZ	25.4301, 35.2215, 34.7363
YIQ	147.7460, -41.1680, -24.8480

# Conversions

## Conversions Part 2

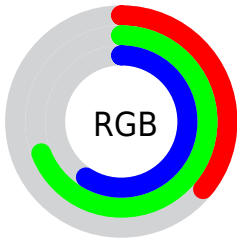
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 141, 175
Decimal	6139799
CIELab	65.92, -30.92, 4.58
CIELCh	66, 31.259, 171.568
Yxy	35.2215, 0.2666, 0.3692
Android (android.graphics.Color)	4284329879 (0xFF5DAF97)
YUV	147.7460, 1.6042, -48.0122
Hunter-Lab	59.3477, -27.3724, 6.8409

# Details

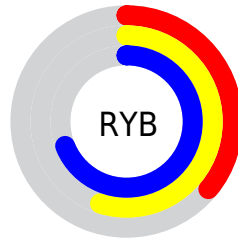
The Decimal color **6139799** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11492725**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9758669**, and **2390628** is the 20% darker color. If you saturate the color by 10%, you get **4960146**, and if you desaturate by 10%, it is **7319452**.

# Distribution



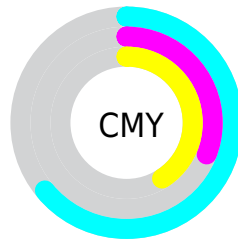
- Red (36%)
- Green (69%)
- Blue (59%)



- Red (36%)
- Yellow (55%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6139799 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6139799 by changing the saturation by 10% instead.



6139799

6139799

16777215

4363389

9758669

2390628

11599849

24908

13434879

18486

15335423

12576

7433

0

6139799

6139799

4960146

7319452

■ 3846029

■ 8433569

■ 2731912

■ 9613222

■ 1552259

■ 10727339

■ 372605

■ 11841457

■ 44924

■ 13021110

■ 14135227

■ 15314880

■ 16494533

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8301436



6139799



4370356

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6139799



10067156



13603445

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6139799



11492725

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14191757



6139799



12358339

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6139799



7251415



13798569



12295273

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6139799



4304580



13798569



13865084



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6139799



12837850



7778141



6255469



15921906



7566195



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6139799



6611902



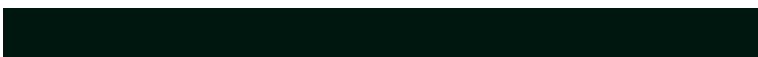
6135727



5134164



38506



5904



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11492725



14902409



11496797



5721681



9830444

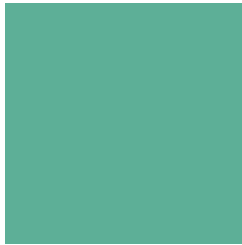


1507335



# Previews

## White Background



This preview shows how the Decimal color 6139799 looks on a white background.

## Color Contrast Check

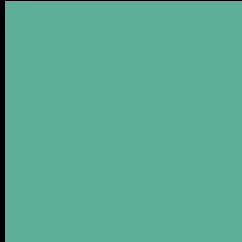
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6139799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

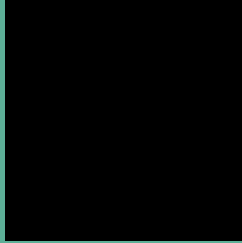
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6139799 Background



This preview shows how black text looks on a background with the Decimal color 6139799.



This preview shows how white text looks on a background with the Decimal color 6139799.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



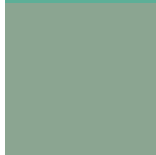


**Tritanopia**  
6728376

# Trichromacy



**Original Color**  
6139799



**Protanomaly**  
9151889



**Deuteranomaly**  
9609882

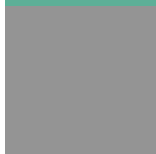


**Tritanomaly**  
6532268

# Monochromacy



**Original Color**  
6139799



**Achromatopsia**  
9737364



**Achromatomaly**  
8429205

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6139799 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5DAF97 looks like.

```
.text, #text, p{  
  color:#5DAF97  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5DAF97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAF97
}
```

## Border

The CSS property to change the border of an element to Decimal 6139799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5DAF97 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5DAF97 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5DAF97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAF97; -webkit-box-shadow:4px 4px  
4px 4px #5DAF97; box-shadow:4px 4px 4px  
4px #5DAF97 }
```

# Background

The CSS property to change the background color of an element to Decimal 6139799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAF97 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5DAF97 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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